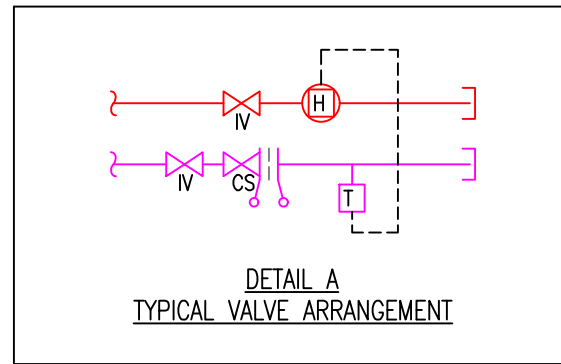
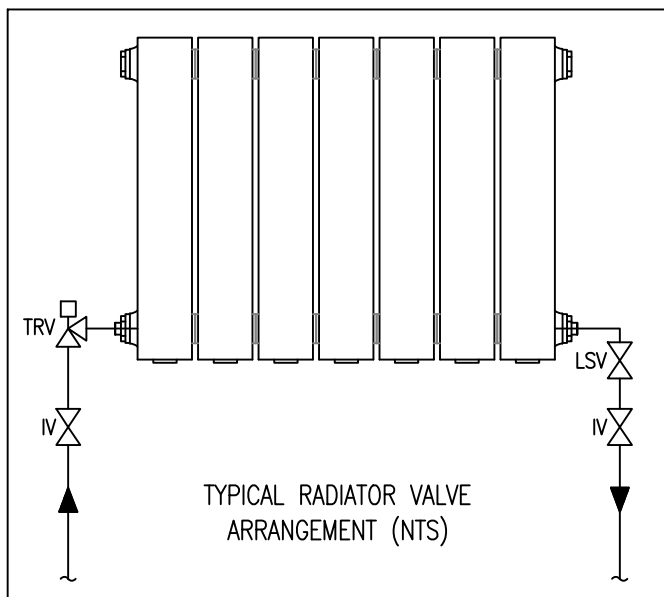




- NOTES:**
1. DO NOT SCALE FROM THIS DRAWING.
 2. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS.
 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES.
 4. ANY PENETRATION THROUGH FLOOR, SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT.
 5. ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- HEATING INSTALLATION:**
1. VALVE ARRANGEMENTS SHOWN ON THE SCHEMATICS SHALL TAKE PRECEDENCE OVER ANY VALVE ARRANGEMENTS SHOWN ON THE (S4) SERIES LAYOUT DRAWINGS.
 2. EACH BOILER SHALL BE SUPPLIED WITH A SAFETY VALVE.
 3. THE DISCHARGE FROM ALL SAFETY AND RELIEF VALVES SHALL DISCHARGE TO DRAIN VIA A TRUNNION WITH A WASTE AIR GAP LOCATED IN A SAFE AND CONSPICUOUS LOCATION.
 4. ALL HEATING PIPEWORK SHALL BE COPPER TABLE X.
 5. ALL PRESS THROUGH WALLS, FLOORS & CEILINGS TO BE SLEEVED & FITTED WITH PIPE COVERS.
 6. FIRE STOPPING IS TO BE PROVIDED AT ALL RISERS WHERE PIPEWORK PASSES THROUGH A FIRE COMPARTMENT.
 7. MECHANICAL CONTRACTOR TO INCLUDE FOR FILLING, VENTING & BALANCING OF PROPOSED SERVICES AND PRESSURE TESTING OF ALL PIPEWORK.
 8. THE BOILER FLUE IS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 9. ALL PIPEWORK IN VOIDS / ROOFS ETC NOT PROVIDING USEFUL HEAT TO BE INSULATED IN ACCORDANCE WITH THE MECHANICAL PARTICULAR SPECIFICATION.
 10. FLUES ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, THE CLEAN AIR ACT MODIFICATION ON CHIMNEY HEIGHTS, THE BUILDING REGULATIONS PART J AND G4/SP J10.
 11. THE BOILER FLUES SHALL BE COMPLETE WITH ACCESS PANELS IN RISERS AND H/S AT 5M INTERVALS AND AT EVERY JUNE RECOMMENDED MANUFACTURER ACCESS PANEL COMPANY LTD AND THEIR GAS FLUE INSPECTION PANEL.
- ABBREVIATIONS**
- DFA - DROP FROM ABOVE
RTA - RISE TO ABOVE
RFB - RISE FROM BELOW
RTHL - RISE TO HIGH LEVEL
DTHL - DROP TO LOW LEVEL
DFHL - DROP FROM HL
HTG - HEATING
MWS - MAINS COLD WATER SERVICE
FAR - FEED & RETURN
H/L - HIGH LEVEL
L/L - LOW LEVEL
C/V - CHIMNEY
F/V - FLOOR VOID
- MODEL:**
- HEATING AND COOLING SYSTEMS SERVING WORKSPACE AREAS ARE CURRENTLY UNDER DESIGN AND SHALL BE CONFIRMED AT THE NEXT STAGE OF DESIGN.

FOR COMMENT
NOT FOR SITE USE

11.04.22	TENDER ISSUE	16	MM	AC
07.02.22	TENDER ISSUE	15	MM	AF
24.11.21	BUILDING LAYOUT UPDATED LTHW JAMMED TO SUB	14	MM	AF
04.04.21	TENDER ISSUE	13	MM	AF
02.04.21	TENDER ISSUE	12	MM	AF
21.02.21	TENDER ISSUE	11	MM	AF
21.02.21	TENDER ISSUE	10	MM	AF
21.02.21	TENDER ISSUE	9	MM	AF
21.02.21	TENDER ISSUE	8	MM	AF
21.02.21	TENDER ISSUE	7	MM	AF
21.02.21	TENDER ISSUE	6	MM	AF
21.02.21	TENDER ISSUE	5	MM	AF
21.02.21	TENDER ISSUE	4	MM	AF
21.02.21	TENDER ISSUE	3	MM	AF
21.02.21	TENDER ISSUE	2	MM	AF
21.02.21	TENDER ISSUE	1	MM	AF

Revision Description

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Project
LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD,
MANCHESTER, M1

Drawing Title
MECHANICAL SERVICES
FIRST FLOOR
LTHW & HEATING LAYOUT

Date: APR 21
Design By: GT
Drawn By: KDC
Scale: 1:100

Issue Status
TENDER

Drawing Number:
647-M[56]-01-01

Rev:
T6

XREF Updated on: 14.11.21

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